

76346-1009

## Material Safety Data Sheet

<b>IDENTITY : BIG ART SET</b>
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### Section I

<b>Manufacturer's Name</b> LION PENCIL CO.,LTD	<b>Emergency Telephone Number</b> 886-2-29631717
<b>Address:</b> NO.186, SEC.1, CHUNG-SHAN ROAD, PAN CHIAO, NEW TAIPEI City, 220, Taiwan, R.O.C	<b>Telephone Number for Information</b> 886-2-29631717
	<b>Fax Telephone Number</b> 886-2-29573319
<b>Item No:</b> 30126	<b>Date Prepared</b> 2011/08/31

### Section II - Hazardous Ingredients/Identity Information

#### (A)18 Colored Pencil

Hazardous Components (Chemical Name)	CAS. NO.	wt%
Clay	12428-46-5	40.0~50.0%
Microcrystalline Wax	63231-60-7	7.0~12.0%
Stearic acid	00057-11-4	13.0~18.0%
CMC	9004-32-4	5.0~8.0%
Pigment		6.0~15.0%
Pigment Yellow	20344-49-4	—
Pigment Red	15782-05-5	—
Pigment White	13463-67-7	—
Pigment Violet	6358-30-1	—
Pigment Green	1328-53-6	—
Pigment Blue	147-14-8	—
Pigment Yellow	6486-23-3	—
Pigment Black	1333-86-4	—
Pigment Brown	1309-37-1	—
Pigment Orange	6505-28-8	—

page 1/5

**(B)14 Oil Pastels**

Hazardous Components (Chemical Name)	CAS. NO.	wt%
Calcium Carbonate	00471-34-1	45.0~60.0%
Hydrogenated Tallow	8030-12-4	8.5~10.0%
18-Pentatriacontanone	504-53-0	6.6~8.0%
Paraffin Wax	8002-74-2	2.6~3.3%
Paraffin Oil	64742-54-7	16.5 ~ 20.0%
Pigment*		1.0~9.0%
Pigment White	13463-67-7	—
Pigment Red	15782-05-5	—
Pigment Yellow	6486-23-3	—
Pigment Yellow	20344-49-4	—
Pigment Green	1328-53-6	—
Pigment Blue	147-14-8	—
Pigment Orange	6505-28-8	—
Pigment Brown	1309-37-1	—
Pigment Black	1333-86-4	—

**(C)8 Water Color Cake**

Hazardous Components (Chemical Name)	CAS. NO.	wt%
Resin #69	68412-33-9	2.0~6.5%
Resin 6A	9004-32-4	0.3~0.5%
Calcium Carbonate	00471-34-1	76.9~87.1%
Dispersing agent	9084-06-4	1.0%~2.0%
Pigment*		0.5~10.0%
Pigment White	13463-67-7	—
Pigment Red	15782-05-5	—
Pigment Yellow	6486-23-3	—

page 2/5

Pigment Green	1328-53-6	—
Pigment Blue	147-14-8	—
Pigment Orange	6505-28-8	—
Pigment Brown	1309-37-1	—
Pigment Black	1333-86-4	—

**(D)18 Crayon**

Hazardous Components (Chemical Name)	CAS. NO.	wt%
Calcium Carbonate	00471-34-1	20.0~30.0%
Hydrogenated Tallow	8030-12-4	10.0~15.0%
18-Pentatriacontanone	504-53-0	5.0~10.0%
Paraffin Wax	8002-74-2	5.0~10.0%
Paraffin Oil	64742-54-7	5.0~10.0%
Pigment*		2.2~21.9%
Pigment White	13463-67-7	—
Pigment Red	15782-05-5	—
Pigment Yellow	6486-23-3	—
Pigment Yellow	20344-49-4	—
Pigment Green	1328-53-6	—
Pigment Blue	147-14-8	—
Pigment Blue	57455-37-5	—
Pigment Orange	6505-28-8	—
Pigment Violet	6358-30-1	—
Pigment Brown	1309-37-1	—
Pigment Black	1333-86-4	—

**Section III - Physical/Chemical Characteristics**

<b>Boiling Point</b>	No Data	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	1.3~1.8
<b>Vapor Pressure (mm Hg)</b>	No Data	<b>Melting Point</b>	No Data
<b>Vapor Density (AIR = 1)</b>	No Data	<b>Evaporation Rate (Butyl Acetate = 1)</b>	No Data

page 3/5

<b>Solubility in Water:</b> Water color cake :Soluble in water / Colored Pencil ,Crayon and Oil Pastel: Not Soluble
<b>Appearance and Odor:</b> Solid and no taste

**Section IV - Fire and Explosion Hazard Data**

<b>Flash Point :</b>	<b>Flammable Limits</b>	<b>LEL</b>	<b>UEL</b>
No applicable	—	—	—

**Extinguishing Media:** Use Water to Spray, fog or foam. Do not use water jet.

**Special Fire Fighting Procedures:**

Use water to keep fire exposed containers cool. If a leak or spill has not ignited. Use water Spray disperse the papers and to protect personnel attempting to stop leak.

**Unusual Fire and Explosion Hazards:** No Data

**Section V - Reactivity Data**

<b>Stability</b>	<b>Unstable</b>		<b>Conditions to Avoid</b>
	<b>Stable</b>	○	Heat, Sparks, Flame

**Incompatibility (*Materials to Avoid*):** Oil, Strong Acids, Strong Alkalis

**Hazardous Decomposition or Byproducts :** None

<b>Hazardous</b>	<b>May Occur</b>		<b>Conditions to Avoid</b>
<b>Polymerization</b>	<b>Will Not Occur</b>	○	Heat, etc

**Section VI - Health Hazard Data**

<b>Route(s) of Entry:</b>	<b>Inhalation?</b>	<b>Skin?</b>	<b>Ingestion?</b>
	—	—	—

**Health Hazards (*Acute and Chronic*):** No Data

<b>Carcinogenicity:</b>	<b>NTP?</b>	<b>IARC Monographs?</b>	<b>OSHA Regulated?</b>
None	—	—	—

**Signs and Symptoms of Exposure:** No Data

**Medical Conditions Generally Aggravated by Exposure**

Eyes: Immediately wash with plenty of water.

Skin: Wash off in flowing water with soap.

**Emergency and First Aid Procedures:** Consult Medical

**Section VII - Precautions for Safe Handling and Use**

<b>Steps to Be Taken in Case Material is Released or Spilled</b>
To be absorbed with as so bent material and wash by much water with soap
<b>Waste Disposal Method</b>
In Accordance with National, State and Local Regulations
<b>Precautions to Be taken in Handling and Storing</b>
Avoid High Temperature, Keep away from sources of ignition.
<b>Other Precautions</b>
Keep container tightly closed and in a well ventilated place.

**Section VIII - Control Measures**

<b>Respiratory Protection (<i>Specify Type</i>)</b>		
<b>Ventilation</b>	<b>Local Exhaust</b>	<b>Special</b>
	<b>Mechanical (<i>General</i>):</b> <input type="radio"/>	<b>Other</b>
<b>Protective Gloves:</b> Desirable to use chemical glove	<b>Eye Protection:</b> Desirable to use glass of chemical	
<b>Other Protective Clothing or Equipment:</b> —		
<b>Work/Hygienic Practices :</b> —		